# A-120 AMPLIFIER (McINTOSH)
# INITIAL AND ROUTINE TESTS

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## 1. GENERAL

**1.01** This section which specifies the initial and routine tests that should be made on the McIntosh A-120 Amplifier has been reissued to include revised information on the recommended frequency of the routine maintenance tests.

**1.02** In addition to the initial and routine tests, other tests may be required as a result of trouble reports. The particular tests required in such cases must be determined by the character of the reported trouble.

**1.03** A spare amplifier should be patched in place of the one under test. If a spare amplifier is not available, necessary arrangements must be made with the customer for release of the circuit. The customer should be informed of the expected duration of the tests, and notified upon their completion.

## 2. AMPLIFIER TESTS

**2.01** Tests on the McIntosh A-120 Amplifier are specified in Table 1. If trouble in the amplifier is indicated, the tubes should be replaced first, or tested, depending upon the use and location of the amplifier. Further tests are listed in Table 2 for trouble investigation.

**TABLE 1**

**Initial and Routine Tests — McIntosh A-120 Amplifier**

| TEST | INITIAL | ROUTINE |
|---|---|---|
| Primary Power Voltage Measurement | X | 12 Mos. |
| Electron Tubes | X | 3 Mos. |
| Gain and Gain-Frequency Tests | X | 3 Mos. |
| Noise | X | 3 Mos. |

An X in the "Initial" column indicates tests which should be made at the time the amplifier is installed.

**2.02** The following tests should be made as required for trouble investigations:

**TABLE 2**

| TEST |
|---|
| Preliminary Trouble Locating |
| Operating Voltage Measurements |
| Distortion Troubles |
| Electrolytic Capacitors |

**2.03** The detailed procedures for making the above tests as well as the test requirements are covered in Section 024-121-500.

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